

Fig. 1

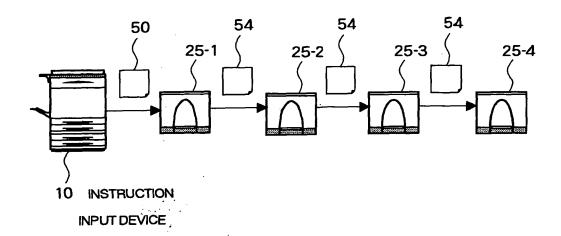


Fig. 2

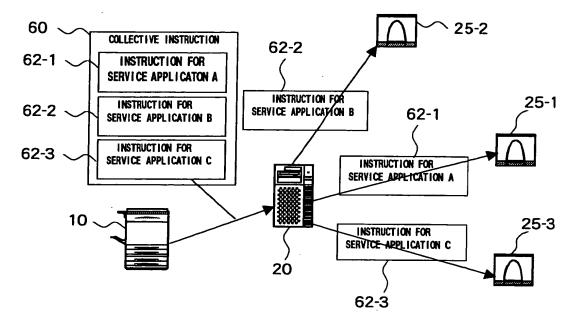


Fig. 3

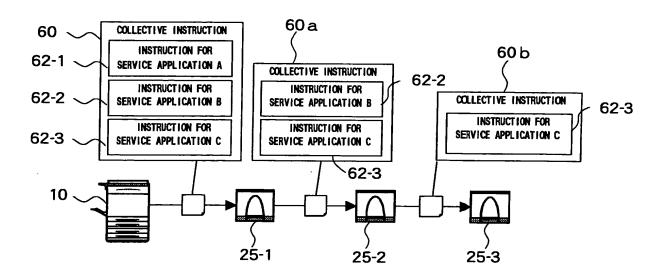


Fig. 4

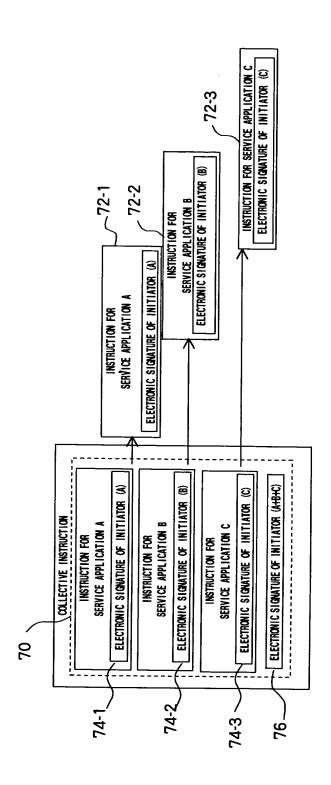


Fig. 5

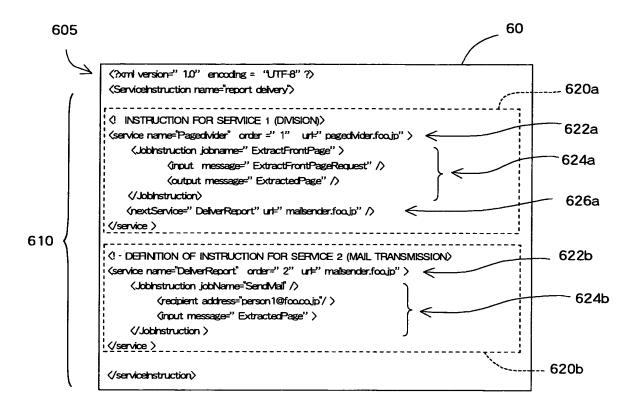


Fig. 6

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70
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<?xml version="'1.0" encoding = "UTF-8"?>
 Signature> SIGNATURE FOR COLLECTIVE INSTRUCTION
      <SignedInfo>
                                                        716
           <SignatureMethodAlgorithm=" dsa-sha1" >
712 </SignedInfo>
      <0bject>
                                                                                         720
           <ServiceInstruction name="report delivery">
         ><signature><-SIGNATURE FOR INSTRUCTION FOR SERVICE A (DIVISION)
                     <SignedInfo>
                            <SignatureMethodAlgorithm=" dsa-sha1" />
                                                                            726
                     </SignedInfo>
                     <0bject>
                          <!- INSTRUCTION FOR SERVICE A (DIVISION)>
                          <service name="Pagedevider" order ="1" ur1=" pagedevider.foo.jp" >
                               <JobInstruction jobname=" ExtractFrontPage" >
                                    <input message=" ExtractFrontPageRequest" />
             S
                                     <output message=" ExtractedPage" />
         (620a)
                               </JobInstruction>
                               <nextService=' DeliverReport" url=" mailsender.foo.jp" />
                          </service >
                    </0bject>
       724 -
                  >><SignatureValue>(SIGNATURE VALUE FOR ELEMENT S)</SignatureValue>
          </Signature>
       >> <Signature> <- SIGNATURE FOR INSTRUCTION FOR SERVICE B (MAIL TRANSMISSION)
                    <SignedInfo>
   732
                           <SignatureMethodAlgorithm=" dsa-sha1" />
                                                                         736
                    </SignedInfo>
                    <0bject>
                         <! - INSTRUCTION FOR SERVICE B (MAIL TRANSMISSION)>
                         <service name="DeliverReport" order="2" url="mailsender.foo.jp" >
          Т
                               <JobInstruction jobName="SendMail" />
       (620b)
                                    <recipient address="person1@foo.co.jp"/ >
                                    <input message="' ExtractedPage" >
                              </JobInstruction >
                        </service >
                    </0bject>
     734
                 → <SignatureValue>(SIGNATURE VALUE FOR ELEMENT T)</SignatureValue>
         </Signature>
          </serviceInstruction>
    </0bject>
                                                                                      730
    <SignatureValue>(SIGNATURE VALUE FOR ELEMENT U)</signatureValue> <</pre>
</Signature>
```

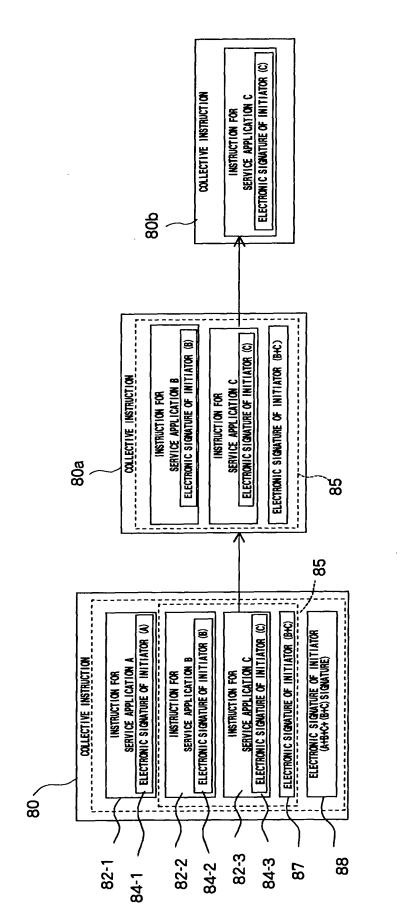


Fig. 8

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<?xm1 -verston="1.0" -encoding = "UTF-8" ?> - - - -
Signature>←SIGNATURE FOR COLLECTIVE INSTRUCTION
     <SignedInfo>
          <SignatureMethodAlgorithm=" dsa-sha1" >
     </SignedInfo>
                                                                                        820
     <0bject>
          <ServiceInstruction name="report delivery"> -
          Signature>←SIGNATURE FOR INSTRUCTION FOR SERVICE A (DIVISION)
                              <nextService=" FormatConverter" url=" converter.foo.jp" />
                    </0bject>
     824
                 →<SignatureValue>(SIGNATURE VALUE FOR ELEMENT V)</SignatureValue>
          </Signature>
          ≺Sîgnature>
                      <SignatureMethodAlgorithm="'dsa-sha1">
                                                                                           830
                </SignedInfo>
                 <0bject>
                    <$ignature><-SIGNATURE FOR INSTRUCTION FOR SERVICE B (FORMAT CONVERSION)</p>
                              <SignedInfo>
                                         <SignatureMethodAlgorithm=" dsa-sha1" />
                              </SignedInfo>
                              <0bject>
                              <!- INSTRUCTION FOR SERVICE B (FORMAT CONVERSION)>
                                                                                                                   Ζ
                              <service name="FormatConverter " order =" 2" url=" converter.foo.jp" >
                                        <JobInstruction jobname=" ConvertToPFD" >
                                        <input message=" FormatConvertRequest" />
                    W
                                        <output message=" FormatConvertedDocument" />
                                        </JobInstruction>
                                        <nextService=" DeliverReport" url=" mailsender.foo.jp" />
                              </service >
                              </0bject>
                              <SignatureValue>(SIGNATURE VALUE FOR ELEMENT W)</SignatureValue>
                    <Signature><-SIGNATURE FOR INSTRUCTION FOR SERVICE C (MAIL TRANSMISSION)</p>
                         <SignatureValue>(SIGNATURE VALUE FOR ELEMENT X)
                    </Signature>
                    </0bject >
                → <SignatureValue>(SIGNATURE VALUE FOR ELEMENT Y)</SignatureValue>
           </Signature>
         </serviceInstruction>
                                                                                              850
    <SignatureValue>(SIGNATURE VALUE FOR ELEMENT Z)</SignatureValue>
```

Fig. 9

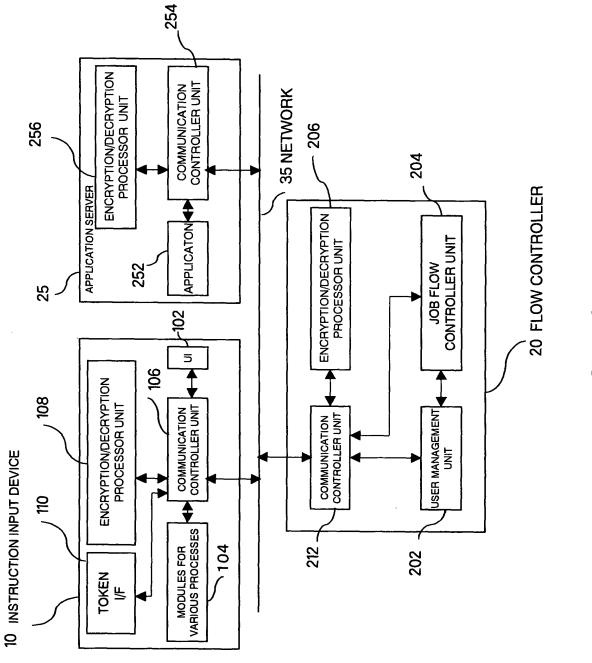


Fig. 10